

Title (en)
Fired body for and manufacture of a substrate

Title (de)
Sinterteil für Substrat und Herstellung

Title (fr)
Matériau fritté pour substrat et sa fabrication

Publication
EP 1083594 A3 20020417 (EN)

Application
EP 00309912 A 19950622

Priority
• EP 95304382 A 19950622
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Abstract (en)
[origin: EP0691682A2] A fired body (24) for manufacturing a substrate (14) is pillar shaped and includes metallic wires (10) arranged inside the fired body parallel with its axis. The melting point of the metallic wires (10) is higher than the melting point, pour point or softening point of an insulating base body (22) of the fired body. A method of manufacturing a substrate includes the steps of: forming a pillar shaped unfired body (22) in which metallic wire rods (10) having a melting point higher than the firing temperature of a fired body are embedded and parallel with the axis; firing the unfired body at a temperature higher than the melting point of the fired body; and cutting the fired body (24) in a direction perpendicular to the axis to provide a substrate (14) of a pre-determined thickness. <MATH>

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H01L 21/48; **H01L 23/498**

IPC 8 full level
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CPC (source: EP KR US)
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• [X] US 2189340 A 19400206 - DONAL JR JOHN S
• [X] DE 1227965 B 19661103 - TELEFUNKEN PATENT
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• [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 488 (E - 1277) 9 October 1992 (1992-10-09)

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